

NEW APPLICATIONS

DATE: 08-18-2008

FILE NUMBER: M1080004

FEP (OPP IN ENTRY) By 08-18-2008
(Initial & date)

FILE ROOM: _____
(Initial & date)

SIG: Ac 8/20/08
(Initial & date)

FILE ROOM: AC 8/21/08
(Initial & date)

☒ ASSIGN TO PM 25 (NO DATA)

☐ JACKET TO SHELF (DATA)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Brian Verhougstraete
Michigan Dept. of Agriculture
525 W. Allegen
P.O. Box 30017
Lansing, MI 48909

Subject: Section 24(c) Registration/Notification
Ro-Neet 6-E
EPA Reg. No. 73637-5
SLN No. MI080004
Notification dated August 13, 2008

Dear Mr. Verhougstraete:

This acknowledges receipt of your notification to the Agency of this Special Local Need registration, pursuant to section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

The following comments were made in response to the Special Local Need labeling:

1. This 24(c) was registered citing the distributor product instead of the Section 3 product. Please note that 24(c) registrations should be issued on the Section 3 registration even if the distributor product is the only product available.
2. The First Aid section should be listed in the following order: "If Swallowed", "If on Skin or Clothing", "If in Eyes", then "If Inhaled".

Sincerely,

A handwritten signature in blue ink, appearing to read "James A. Tompkins".

James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)



PRODUCT INFORMATION

HELM AGRO US, INC.

REGISTRATION FOR SPECIAL LOCAL NEED FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MICHIGAN

RO-NEET® 6-E

EPA Reg. No. 73637-5-74530

EPA SLN No. MI-080004

This label valid until ~~July 23, 2013~~ or until otherwise amended, withdrawn, canceled, or suspended.

August 13, 2013

SPECIAL CONDITIONS AND DISCLAIMER FOR USE OF RO-NEET ON SPINACH.

Helm Agro intends that this Section 24(c) label be distributed only to end users and/or growers (and/or applicators acting on behalf of growers) who agree to the terms and conditions below, and agree to the terms and conditions required and release Helm Agro from all liability and indemnification by the user and/or grower of Helm Agro and others for failure to perform and crop damage from the use of RO-NEET 6-E on spinach grown for canning. If such terms and conditions are unacceptable, return RO-NEET 6-E at once unopened.

This product when used on spinach grown for canning may lead to crop injury, loss, or damage. Helm Agro recommends that the user and/or grower test this product in order to determine its suitability for such intended use. Helm Agro makes this product available to the user and/or grower solely to the extent the benefit and utility, in the sole opinion of the user and/or grower, outweigh, the extent of potential injury associated with the use of this product. The decision to use or not to use this product must be made by each individual user and/or grower on the basis of possible crop injury from RO-NEET 6-E, the severity of weed infestation, the cost of alternative weed controls, and other factors. Because of the risk of failure to perform or crop damage, all such use is at the user's and/or grower's risk.

FOR USE IN SPINACH

ACTIVE INGREDIENT:

S-ethyl cyclohexylethylthiocarbamate 73.9%

INERT INGREDIENTS: 26.1%

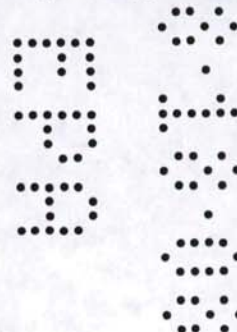
TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If inhaled:

- Move person to fresh air
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.



If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN	
This product contains hydrocarbon solvent.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

HARMFUL IF SWALLOWED. Avoid contact with skin, eyes, and clothing. Avoid contamination of feed or food.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber, or viton. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Engineering controls are required for all mixers, loaders and applicators (see Engineering Controls for additional requirements).

All mixers, loaders, applicators, and other handlers must wear at a minimum:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves and chemical-resistant apron when mixing and loading.

Handlers performing tasks, such as spill clean-up or cleaning equipment, for which engineering controls are not feasible must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves
- Chemical-resistant apron, and
- A NIOSH-approved respirator with
 - an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C), or
 - a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G0, or
 - an organic-vapor cartridge with any N², R or P or He prefilter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls

Mixers and loaders must use a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticide [40 CFR 170.240(d)(4)] for dermal protection, and must:

- Wear the personal protective equipment in the PPE section of this labeling for mixers and loaders,
- Wear protective eyewear, if the system operates under pressure,
- *Either* use a closed system that also meets the requirements in the WPS for inhalation protection *or* wear the type of respirator specified in the personal protective equipment sections of the labeling, and
- Be provided and have immediately available for use in an emergency, such as a spill or equipment breakdown: chemical-resistant footwear, and, if using a closed system cab that provides respiratory protection, a respirator of the type specified in the PPE section of this labeling.

Applicators must use motorized ground equipment with an enclosed cab that meets the definition in the Worker Protection Standard

for Agricultural Pesticide [40 CFR 170.240(d)(5)] for dermal protection. In addition, applicators must:

- Wear the personal protective equipment required in the PPE section of this labeling for applicators,
- *Either* wear the type of respirator specified in the PPE section of this labeling *or* use an enclosed cab with a properly functioning ventilation system that is used and maintained according to the manufacturer's written operating instructions and that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as the type of respirator specified in the PPE section of this labeling,
- Be provided and have immediately available for use in an emergency for when they must exit the cab in the treated area: chemical-resistant gloves, and, if using an enclosed cab that provides respiratory protection, a respirator of the type specified in the PPE section of this labeling,
- Take off any PPE that was worn in the treated area before reentering the cab, and
- Store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

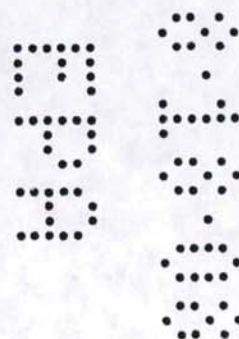
ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target area. Do not contaminate water when disposing of equipment wash water or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.



AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Entry (including early entry that would otherwise be permitted under the WPS) by any person - other than a correctly trained and equipped handler who is performing a handling task permitted by the WPS - is PROHIBITED for 48 hours following applications. Do not allow entry by unprotected persons into the treated area until 48-hour period is expired and the warning signs are removed.

NOTIFICATION: Before the start of the application, notify workers of the application by warning them orally and by posting warning signs at entrances to the treated area. The signs must bear the skull and crossbones symbol and state: (1) "DANGER/PELIGRO", (2) "DO NOT ENTER/NO ENTRE", (3) the date and time of treatment, (4) "RO-NEET 6-E in use", and (5) name, address, and telephone number of the applicator. Post the warning sign instead of the WPS sign for this application, but follow all WPS requirements pertaining to location, legibility, size, and timing of posting and removal.

Special Early Entry Exception: Workers may enter the treated area during the first 48 hours following application to plant crops, provided all of the following conditions are met:

(1) The special early entry workers must use motorized ground equipment that is equipped with an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(5) for dermal protection. In addition, these workers must:

- Wear the personal protective equipment required in the PPE section of this labeling for applicators,
- *Either* wear the type of respirator specified in the PPE section of this labeling or use an enclosed cab with a properly functioning ventilation system that is used and maintained according to the manufacturer's written operating instructions and that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as the type of respirator specified in the PPE section of this labeling.
- Be provided and have immediately available for use in an emergency when they must exit the cab in the treated area: chemical-resistant gloves, and, if using an enclosed cab that provides respiratory protection, a respirator of the type specified in the PPE section of this labeling,
- Take off any PPE that was worn in the treated area before reentering the cab, and
- Store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

(2) Employers of the special early entry workers must make sure that these workers:

- Have received training equivalent to WPS pesticide handler training before entering the treated area,
- Are provided with the specified type of respirator, and the respirator fits them correctly and is maintained as required in the WPS for handlers,
- Are provided all of the WPS protections for early entry workers, including PPE instructions, labeling information and instructions, decontamination sites, and duties related to providing, cleaning, and maintaining the PPE for early-entry workers.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

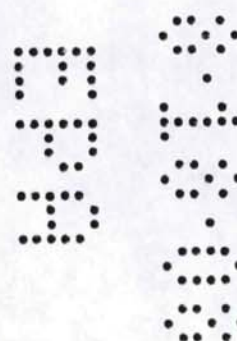
RESTRICTIONS:

Chemigation is prohibited.

This labeling must be in the possession of the user at the time of pesticide application.

Follow all applicable directions, restrictions and precautions on the EPA-registered label.

Do NOT harvest spinach for 45 days following application of this product.



WEEDS CONTROLLED: For List of Weeds Controlled See EPA-registered RO-NEET 6-E Label.

SPINACH: Apply a surface broadcast application with ground application equipment prior to planting. Apply 0.34 to 0.50 gallons RO-NEET 6-E (2-3 lbs. ai) per acre on sandy mineral soils only in a minimum of 20 gallons of water. Immediately (within minutes) after application thoroughly mix RO-NEET 6-E into the soil to a depth of 2 to 3 inches using a finishing disk, harrow, rolling cultivator or similar implement capable of providing uniform incorporation.

**CONDITIONS OF SALE
AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Helm Agro US, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Helm Agro US, Inc. and Seller harmless for any claims relating to such factors.

Helm Agro US, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Helm Agro, and Buyer and User assume the risk of any such use. Helm Agro MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable laws, in no event shall Helm Agro or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAWS, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF HELM AGRO AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF HELM AGRO OR SELLER, THE REPLACEMENT OF THE PRODUCT.

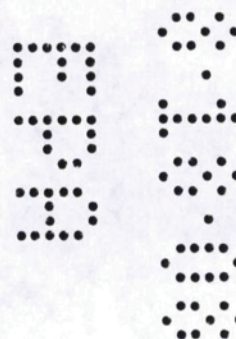
Helm Agro and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of Helm Agro.

RO-NEET 6-E is a trademark of Helm Agro US, Inc.
24(c) Registrant:

Helm Agro US, Inc.
8295 Tournament Drive, Suite 310
Memphis, Tennessee 38125

EPA SLN NO: MI-080004

Label Date 7/23/08



24(C) CHECKLIST

STATE: MICHIGANSLN NO. MI 080004DATE REGISTERED: 08-13-0890-DAY DATE: 11-13-2008

SPECIFIC SPECIAL LOCAL NEED: _____

SITE: _____

PEST/PROBLEM: _____

1. Is the State certified to issue this type of registration? _____
2. Was the EPA Application/Notification Form submitted? _____
3. Was all the required information included on the form? _____
4. Was a confidential formula submitted (for new products)? _____
5. Is this registration for a "CHANGED USE PATTERN"? _____
6. Has an FR document been prepared for this "CHANGED USE PATTERN"? _____
7. Tolerances required? _____ Established? _____ Citation: _____
8. Full labeling being used? _____ Supplemental directions? _____
9. Does label state "FOR DISTRIBUTION AND USE ONLY WITHIN (State)"? _____
10. Does full label comply with 40 CFR 162.10, as follows:
- a. Product name, brand or trademark? _____
 - b. Name and address of registrant? _____
 - c. Net contents? _____
 - d. Product registration number? _____
 - e. Producing establishment number? _____
 - f. Ingredient statement? _____
 - g. Precautionary labeling? _____
 - h. Directions for use for special local need? _____
 - i. Use classification? _____

Was proper format followed? _____

11. Is supplemental directions for use labeling satisfactory? _____
12. Was supplemental labeling compared with EPA-registered label? _____

COMMENTS: _____

1 SLN No M1080004 2 PM 25 3 Action Code _____

4 State Issue Date

0	8	1	3	0	8
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5 Date received by EPA

0	8	1	8	0	8
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6 Date received by PM

--	--	--	--	--	--

7 Chemical name _____

8 Chemical code 4

9 Use _____

10. Reviews requested:

	Date Sent	Due Date	Date Returned	Response Code	Response Date
HED					
EFB					
RCB					
EEB					
TB					
RD					
PM					
.S					
Precaul. Labeling					
Chemistry					
Efficacy					

11. Status _____

12. FINAL ACTION Response code _____

Response date

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United States Environmental Protection Agency
Office of Pesticide Programs, Registration Division (7505C)
Washington, DC 20460

**Application for/Notification of State Registration
of a Pesticide To Meet a Special Local Need**
(Pursuant to section 24(c) of the Federal Insecticide,
Fungicide, and Rodenticide Act, as Amended)

For State Use Only

Registration No. Assigned

MI-080004

Date Registration Issued

8/13/08

1. Name and Address of Applicant for Registration

TRI-AG
c/o Helm Agro US, Inc.
8295 Tournament Dr., Suite 310
Memphis, TN 38125

25

2. Product is (Check one)

EPA-Registered



EPA Registration Number

73637-5

New (not EPA-registered)

Attach EPA Form 8570-4, Confidential Statement of
Formula for new products.

EPA Company Number

3. Active Ingredient(s) in Product

Cycloate

4. Product Name

Ro-Neet 6-E

5. If this is a food/feed use, a tolerance or other residue clearance is
required. Cite appropriate regulations in 40 CFR Part 180, 185, and/or
186. 180.2126. Type of Registration (Give details in Item 13 or on a separate
page, properly identified and attached to this form):☐ a. To permit use of a new product.☐ b. To amend EPA registrations for one or more of the following purposes:☒ (1) To permit use on additional crops or animals.☐ (2) To permit use at additional sites.☐ (3) To permit use against additional pests.☐ (4) To permit use of additional application techniques or equipment.☐ (5) To permit use at different application rates.☐ (6) Other (specify below)

7. Nature of Special Local Need (check one)

☐ There is no pesticide product registered by EPA for such use.☒ There is no EPA-registered pesticide product which, under the conditions of use within
the State, would be as safe and/or as efficacious for such use within the terms and
conditions of EPA registration.☐ An appropriate EPA-registered pesticide product is not available.8. If this registration is an amendment to an EPA-registered product, is it
for a "new use" as defined in 40 CFR 152.3?

Yes (discuss in Item 13 below)



No

9. Has an EPA Registration or Experimental Use Permit for this chemical ever been
(check applicable box(es), if known):

Sought



Issued



Denied



Cancelled



Suspended



Registration



Experimental Use Permit



No Previous Permit Action

11. Endangered Species Act: (Give details in Item 13 or on a separate page,
properly identified and attached to this form)

Identify the counties where this pesticide will be used. If Statewide, indicate "all."
Provide a list of Federally protected endangered/threatened species which occur in
the areas of proposed use.

10. Has FIFRA section 24(c) registration for this use of the
product ever, by another State, been (check appropriate
box(es), if known):

Sought



Issued



Denied



Revoked

If any of the above are checked, list States in Item 13 below.

☐ No FIFRA section 24(c) Action

Certification

I certify that the statements I have made on this form and all attachments
thereto are true, accurate, and complete. I acknowledge that any
knowingly false or misleading statement may be punishable by fine or
imprisonment or both under applicable law.

12. Indicate use status of Special Local Need, i.e., planned dates of
use:

From: 7/23/08

To: 7/23/2013

Signature of Applicant or Authorized Representative

Brenda Dowdy

Title

Office Mgr.

Telephone Number

901/312-1525

Date

7/28/08

13. Comments (attach additional sheet, if needed)

Herbicide needed for processing spinach grown in state of
Michigan. Recent & Future acreage is dependant on this
product. SLN already exist in WA, OR, and ID. SLN to be
issued in Michigan for agent Helm Agro as sub-registrant.

Determination by State Agency

This registration is for a Special Local Need and is being issued in accordance with section 24(c) of FIFRA, as amended. To the best of our
knowledge, the information above is correct, except as noted in "Comments" below or in attachments.

Name, Title, and Address of State Agency Official

Brian Verhougstraete
Pesticide Registration Manager
Michigan Department of Agriculture
525 W. Allegen
PO Box 30017
Lansing, MI 48909

Comments (by State Agency Only)

Received by EPA

Telephone Number

517-341-3267

Date

8/13/08



September 7, 2004

U.S. Environment Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460-0001

Subject: Letter of Authorization and Appointment
Ro Neet 6-E EPA Reg. No 73637-5-74530
Sutan +6.7E EPA Reg. No 73637-3-74530

To whom it may concern,

This is to confirm that **TRI AG, Inc.**, EPA company No. **73637**, has appointed **Helm Agro US, Inc.**, EPA company No. **74530**, as sole agent to act on behalf of TRI AG, Inc, in any and all matters related to registrations for all our Thiocarbamate products like Ro-Neet 6-E and Sutan+6.7 E as well as the related technical products. As such, they are authorized to access all registration files and data related to the mentioned products that are available to TRI AG, Inc (including data and files previously submitted by Zeneca and subsequently transferred to TRI AG, INC.). This authorization is valid for a period of 5-years and is automatically extended unless withdrawn by us in writing.

Very Truly Yours,
TRI AG, Inc

A handwritten signature in cursive script that reads "William Dowd".

William Dowd
President

cc: Helm Agro US Inc

Note: as of September 13, 2004 the new address for TRI AG, Inc is
200 West 57th Street, Suite 1208, New York, New York 10019

375 Park Avenue, New York, New York 10152 · Tel: 212-515-4100 · Fax: 212-515-4111



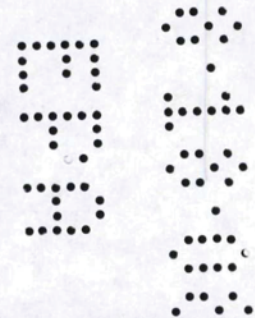
JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF AGRICULTURE
LANSING

DON KOIVISTO
DIRECTOR

August 13, 2008

Dr. Lois Rossi, Director
Registration Division (H7505C)
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M Street SW
Washington, D.C. 20460-0001



Dear Dr. Rossi:

The Michigan Department of Agriculture has issued a registration for the use of RO-NEET 6-E (S-ethyl cyclohexylethylthiocarbamate or cycloate), EPA Reg. No. 73637-5, to meet the special local needs (SLN) under section 24(c) of the Federal Insecticide Fungicide and Rodenticide Act as Amended for use in spinach to control weeds. The registration is effective August 13, 2008, and pending EPA review, will be valid for five years or until August 13, 2013. The EPA SLN registration number is MI-080004.

DESCRIPTION OF THE SPECIAL LOCAL NEED:

Processing spinach has not been grown in Michigan for many years. However, a Michigan processing company has developed a market for frozen spinach, and is contracting with farmers to grow it. Approximately 300 acres of spinach will be grown this year with plans to expand acreage.

Marketability of the product depends on spinach quality and the absence of weeds. The presence of any weed parts in processing spinach may cause rejection of the crop because it is impossible to remove the weed parts in the processing plant. There are very few herbicides labeled for spinach, and none of them control all the potential weed pests. Additionally, many of the registered pesticides have a very narrow margin of crop safety.

RO-NEET 6-E is used for weed control in sugar and table beets. It is also for use in spinach at the labeled rate of ½ gallon per acre in other states around the region (Illinois and Ohio). Idaho, Oregon, and Washington have also issued SLN registrations for similar uses. RO-NEET can be applied in late fall or early spring and has activity on several grass and broadleaf species. Additionally, RO-NEET appears to have no negative effects on the spinach plants.

CURRENTLY LABELED HERBICIDES:

There are very few preemergent herbicides registered for use on spinach. Dual Magnum (SLN MI-060004) can be applied as a preemergence herbicide, but is most effective if applied during warm weather. Dual Magnum is primarily a grass herbicide with activity on some broadleaf weeds. It does not control common lambsquarters, which is a common and serious weed in the same family as spinach. Dr. Bernard Zandstra, MSU weed specialist, indicates that use of Dual Magnum may cause stunting of spinach, especially during cool weather, and on light soils, where most of Michigan's spinach is grown. Spin-aid (phenmedipham) has no soil activity and is used postemergence. Stinger

is used postemergence for a few broadleaves, but its spectrum is not sufficient for all the weeds that infest spinach. Poast and Select will control grasses postemergence, but early-emerging grasses often stunt the small spinach plants and often never recover.

ENDANGERED SPECIES:

Spinach is primarily grown in Newaygo, Mason, and Oceana counties in Michigan. The following are the endangered or threatened species thought or known to occur in these counties:

Species: Bald eagle (*Haliaeetus leucocephalus*)

Status: Threatened

Habitat: Mature forest near water

Species: Karner blue butterfly (*Lycaeides melissa samuelis*)

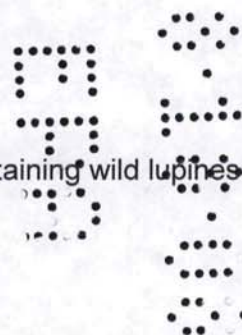
Status: Endangered

Habitat: Pine barrens and oak savannas on sandy soils and containing wild lupines

Species: Pitcher's thistle (*Cirsium pitcheri*)

Status: Threatened

Habitat: Stabilized dunes and blowout areas



Since the habitats of the endangered or threatened species are generally inconsistent with conditions appropriate for spinach production, the risk to any endangered or threatened species from application of this product would be negligible. In addition, cycloate is applied via a surface broadcast with ground application equipment prior to planting. Within minutes after application cycloate is incorporated into the soil at a depth of 2 to 3 inches decreasing the potential for off site drift.

Additional information will be provided upon request.

Sincerely,

Brian Verhougstraete
Pesticide Registration Manager
Michigan Department of Agriculture

cc: Bernard Zandstra, MSU
Bruce Wilkinson, Region 5 EPA
Brenda Dowdy, Helm Agro, Inc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 18, 2008

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Michigan Department of Agriculture
525 W. Allegen
PO Box 30017
Lansing, MI 48909

ATTN: Brian Verhougstraete, Manager

Dear State Agency:

The Office of Pesticide Programs acknowledges receipt of the Section 24(c) application/notification for MI080004.

The package is being forwarded to the Product Manager for review.

To ensure that the Agency receives proper notification of your 24(c) applications/notifications it is necessary to use the correct mailing address. All new 24(c) applications should be sent to the following:

Document Processing Desk (SLN)
Office of Pesticide Programs -7504P
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

If you have any questions concerning the administrative screening of the package please contact the Front End Unit at (703)305-5780.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Verhougstraete".

Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division